

H 6691

10

H 6727

Station No. H6691

Date: July 21

191

Hour: 3:30 P.M. to —

M.

Position: Lat.

Long.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	Raufer 7486	16.7	—	0	16.7 (62.1)	X	

CURRENTS

Color of water:

Transparency:

REMARKS: Under way

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

No Psy.

Chart 5200 C.T.G.S.
 San Pedro Point of Santa Cruz del
 Ieas N 24° E distant 9.6 mi.
^{time}

Station No. H6692

Date: July 21

191

Hour: 4:00 P. M. to 4:20 P. M.

Position: Lat. Long.

Locality:

Wind: Direction, WSW Force, 3

Sea: S Sky: ~~bog~~ - Cirrus - 3

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	Ranfac 7496	16.6	-	0	16.6 (61.9)		Eckm
500m	NZ	16.6	-	-			
	RTr	2.1	-	-			
600m	NZ 62856	12.53.0	-	-1.0	55.0(12.78)		5
	NZ 88256	R 55.5	-	-0.5	55.0(12.78)		
750m	NZ 71738	R 57.5	-	-0.8	53.7(12.85)		8
	NZ 98260	R 55.0	-	-0.5	54.5(12.5)		
1000	R 11.50	2 11.0	10.45	0	11.0(51.8)		1
	SV 805	R 12.5	13.0	+0.1	12.6(54.7)		
1500	NZ 164892	12.9.20	12.0	-0.13	9.07(44.3)		13
	SV 49792	R 9.10	12.0	-0.08	9.02(44.2)		
2000m	NZ 164895	12.8.8	13.7	-0.16	8.64(47.5)		4
	SV 49695	R 8.6	12.8	-0.1	8.5(43.7)		

CURRENTS

Color of water:

Transparency:

REMARKS:

11—5214

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Tow nets of 1/2 x 000	Surf.	4:00	4:15	Lay to
Ser. Ch. app & 2	50m	4:00	4:16 4:15	"

11-5314

NOTES

1st messenger down at 4:00 fm.
 2d " " " 4:15 "

Psy. W 24.9 D 16.8 83%
 15.0

Chart 5300 C 9 G S
 San Pedro Point Santa Cruz Isl.
 bears N 13 E dist. 8.4 miles
 true

Station No. H-6692 Date: July 21 1916

Hour: 4:34 P.M. to 4:50 P.M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, WSW Force, 3

Sea: S Sky: fog - Ci Cu - 3

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf		-	-	-	-		Eck man
10.0							
20. N2 62885	L 56.5	-	-0.8	55.7 (13.17)	5		
N2 88256	R 56.5	-	-0.5	56.0 (13.33)			
25. N2 91788	L 56.0	-	-0.5	55.5 (13.05)	2		
N2 918260	R 55.0	-	-0.8	54.2 (12.33)			
30. RTR 150	L 17.1	12.1	0	12.1 (53.8)	1		
RTSN 805	R 14.5	15.2	+0.05	14.55 (58.0)	2		
40. N2 164892	L 11.5	15.5	-0.15	11.35 (52.4)	3		
SN 1697	R 18.4	15.8	-0.1	11.3 (52.3)			
50. N2 164895	L 10.5	15.2	-0.16	10.34 (50.6)	4		
SN 4965	R 10.3	15.4	-0.12	10.18 (50.3)			

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

Strut -
Recorder

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Tank traps	Surf	pm.		Say 6
Sea Urchins	10 m.			etc.

11-5314

NOTES

Bottles down at 4:39 pm.

~~W~~ messenger down at 4:44 pm.
End

Chart 5200 C. & G.S.
San Pedro Point Santa Cruz Isl.
bearing N 13 E dist. 8.4 miles

Station No. H-6692 Date: July 31 1916

Hour: 4:53 P.M. to 5:01 P.M.

Position: Lat. _____ Long. _____

Locality:

Depth: Bottom: Sample:

Wind: Direction, *WSW* Force, 3

Sea: S Sky: ~~bog~~ - CiCa - 3

TEMPERATURES

CURRENTS

Color of water:

Transparency:

REMARKS:

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
An				

11-5314

NOTES

Bottle down at 4:52:30 pm
 messenger at 4:59.00 pm
 Seal bottle up at 5.01 pm.
 $4\frac{55}{60}$ min Psy. W + H D16.7 84%
 15.1

Chart 5200 C. & G.S.

San Pedro Point Santa Cruz
 del. bears N 13 E dist. 8.4 miles

Station No. H 6693 Date: July 21 1916

Hour: 5:30 P. M. to - . M.

Position: Lat. Long.

Locality:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	Ranfac 7486	16.5	—	0	16.5 (61.7)		

CURRENTS

Color of water:

Transparency:

REMARKS: Under way

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314.

NOTES

1115 1115

Chart 5200 C. & G.S.

San Pedro Point, Santa Cruz Is.
 bears N 5½ W dist. 9.2 miles
 true

Station No. 1

Date: July 1

191/

Hour: 6:00 P.M. to - M.

Position: Lat. _____ Long. _____

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, Force,

Sea: _____ Sky: _____

TEMPERATURES

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency

REMARKS: Under way

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

P.S. WHT D16.0 88%
14.8

Chart 5200 C. & G. S.
S. 1° tangent Anacapa dist.
bears N 2° E dist. 8.8 miles
true

Station No. 4164

Date: Sept 11

191

Hour: 6:30 P.M. to — M.

Position: Lat. _____ Long. _____

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, Force,

Sea: _____ **Sky:** _____

TEMPERATURES

Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
16.0	Raufer 7486	16.6	-	-	16.6	16.6	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: Under way

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Chart 5900 C.I.S.S.
L. 10 tangent Anacapa del.
bear N 12° W dist. 9.9 miles
true

Station No. H 6696 Date: July 21

191

Hour: 7⁰⁰ P.M. to — . M.

Position: Lat. _____ Long. _____

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, Force,

Sea: _____ **Sky:** _____

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: Under way

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psy. W419 D16.5
15.0 85%

Craft 5200 C. & S.
Anacapa Is. light seas
N 1°W dist. 10.8 miles
true

Station No. 516197

Date: _____

1916

Hour: 7:30 P. M. to — M.

Position: Lat. _____ Long. _____

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea:  **Sky:** 

TEMPERATURES

Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
	Ranfac 7486	161.0	-	0	161.0 (60.8)	x	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency

REMARKS: *Under way*

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Chart 5200 C. & G.S.
 Anacapa Is. Right beam
 N 13° W dist: 11.7 miles
 New

Station No. H6198

Date: 5/11/17

1914

Hour: 8:00 P. M. to - . M.

Position: Lat. _____ Long. _____

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, Force,

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	Ranfer 7486	15.8	-	0	15.8 (60.4)		

CURRENTS

Depht.	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *Amelanchier* 117839

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5014

NOTES

Psy. W 446 Dis, 7 90%
 14.7

Chart 5200 C, 9 S.
 Macocha Is., light seas
 N 23° W dist. 13.3 miles
 true

Station No. 116697

Date:

191 /

Hour: 8:30 P. M. to - . M.

Position: Lat. _____ Long. _____

Locality:

Wind: Direction, Force,

Sea: **Sky:**

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
150 f	Ranfac 7486	15.8	-		15.8		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *shrub way*

11-5214

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psy. W ~~14.6~~ D 15.7 90%
 14.7

Chart 5200 C. & G. S.
 Anacapa Isl. light bear
 N $29^{\circ} 15'$ W dist. 15.1 miles
 1 m.e.

Station No. H 6760

Date: 8/11/11

191

Hour: 9:00 P. M. to — M.

Position: Lat. _____ Long. _____

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: **Sky:**

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
10 fms	Ranfer 556	17.0	-	-	17.0 (62.6)	-	-

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency

REMARKS: *blueish gray*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psy. W 44 D 15.5
14.5 90%

Point chart 5200 C. 7 S.S.
dist: Dume bears 71 53° E
20.1 miles true

Station No. H 6761

Date: 10/10/2013

191

Hour: 9:30 P. M. to — M.

Position: Lat. _____ Long. _____

Locality:

Wind: Direction, Force,

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	Raufer 7486	16.4	-	0	16.4 16.4		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: Under way

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psy. W 446 D 15,4 93%
14.7

Point ~~Barne~~ ^{Chart} 5200 C. 9 35
diat. 20.8 miles N 47 1/2° E
True

Station No. 146782

Date: July 1916

Hour: 10:00 P. M. to _____ . M.

Position: Lat. _____ Long. _____

Locality:

Wind: Direction, Force,

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf.	Parfa-m-5	16.8	-	.0	16.9 (62.2)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency

REMARKS: *Unbroken way*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psy. W~~43~~ D153 91%
14.4

14.5200 C. 9 G.S.

Point D. 2000 214° E
dist 19.7 miles true

Station No. H 6702

Date: _____

1916

Hour: 10:30 P. M. to — . M.

Position: Lat. _____ Long. _____

Locality:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
600 f	Rox. 11	17.5	-	0	17.5 (63.3)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency

REMARKS: *Abrolhos 19 May*

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psy. W ~~W~~ D 15.2 91%
14.4

Chart 5200 C 783

Point Duane bears N 34° E
dist. 18.9 miles true

Station No. 116711

Date: 10/10/11

1916

Hour: 11:00 P. M. to — M.

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, Force,

Sea: _____ **Sky:** _____

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	Raufer 7486	17.8	-	0	17.8 (6.0)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *Blurry way*

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Fog. W.M.S. D 15:6
14.6 90%

Chart 5200 C. & G.S.
Point Run Bear N 26° E
dist. 18.4 miles true

Station No. 116715

Date: 1/10/07

1914

Hour: 11:30 P. M. to — . M.

Position: Lat. _____ Long. _____

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, Force,

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.,	W. Sample	Bottle used
Surf	Surface 7486	18.3	—	0	18.3 (64.9)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency

REMARKS: Number 1141

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Pax. Wm. D 16.0 87%
 14.7

Point Diane bears C. & S.
 dist. 18.3 miles $18^{\circ} \frac{1}{3}'$ E
 true

Station No. H 6706 Date: July 21 1916

Hour: 12:00 mid M. to - . M.

Position: Lat. Long.

Locality:

Wind: Direction, Force,

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	Ranfer 7486	18.2	-	0	18.2 (64.8)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *bladder ivy*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psy. W ~~446~~ D 15.7 90%
14.7

Chart 5200 C, 9 G.S.
Pony Island ~~Dunne~~ bears N 10° ~~23'~~ E
dist 18.6 miles true

Station No. H6707 Date: July 22 1916

Hour: 12:30 A. M. to — . M.

Position: Lat. _____ Long. _____

Locality:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	R. C. 1481	17.6	-	0	17.6	48.2	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: Under way

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314.

NOTES

Point Lant 5230 C. 9 S.
 Point Davis bears N 3° E
 dist 19.1 miles

Station No. H6708 Date: July 22 1916

Hour: 1:00 A. M. to — . M.

Position: Lat. _____ Long. _____

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

TEMPERATURES

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency

REMARKS: Under way

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Court 5900 C. 9 A.M.
Wind from N. N. W.
Dist. 20.8 miles. 1. m.

Station No. H 6709

Date: October 2

1914

Hour: 1:30 A. M. to - . M.

Position: Lat. _____ Long. _____

Locality:

Wind: Direction, Force,

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
	Ranfer 7486	15.0	—	.0	15.0 (64.4)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency

REMARKS: Under way.

11-5914

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Chart 5200 C. & G.S.
 Point Dume bears N $10^{\circ}W$
 dist. 21.2 miles true

Station No. 46710

Date: 2/11/12

1916

Hour: 2:00 A. M. to - . M.

Position: Lat. Long.

Locality:

Wind: Direction, Force,

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
111	Ranfac 1486	15.1	—	0	15.1 (64.6)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: Under way

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psy. W ~~14.6~~ D16.5 83%
14.7

Point Dunne bears N $16^{\circ}W$
dist. 22.5 miles true
Chart 5000 C. & G.S.

Station No. H 6711

Date: 10/12

1916

Hour: 2:30 A. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: **Sky:**

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0 m / v	Ranfer 1986	18.1	-	.5	18.1 (64.6)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: under way

11-5214

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Chart 5100 C. & G. S.
 Right tangent Santa Catalina
 Island bears S 16° E dist.
 9.4 miles True

Station No. H 6712

Date:

191

Hour: 3:00 A.M. to _____ M.

Position: Lat. _____ Long. _____

Locality:

Wind: Direction, Force,

Sea: The sea is calm and reflects the clear blue sky. **Sky:** The sky is a vibrant shade of blue, with a few wispy white clouds scattered across it.

TEMPERATURES

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *Amber Ivan*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Chart 5100 C. & G.S.
 P.J. Tangent Santa Catalina Is.
 bears S 7° E dist. 8.5 miles
 -1 mile

Station No. H 6713

Date:

191 /

Hour: 3:30 A. M. to - M.

Position: Lat. Long.

Locality:

Wind: Direction, Force,

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	Ranf 1496	17.8	-	.3	17.5 (64.0)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: broken wing

11-5914

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Chart 5100 C. & G.S.
 R.J. tangent Santa Catalina Isd.
 bears S 3° W distant 7.9 miles
 true

Station No. H 6110

Date: 1/1/04

1916

Hour: 1100 A. M. to — P. M.

Position: Lat. _____ Long. _____

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, Force,

Sea: **Sky:**

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
	Ranfer 1486	(77)		(0)	(77) (63.9)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency 2

REMARKS: *wooden way.*

11-1314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psy. 1116 1511.5 84%
14.9

Chart 5100 C. & G. S.
Rd. tangent Santa Catalina Is.
bears S 15° W dist: 7.7 miles
true

Station No. 416715

Date:

191

Hour: 4:30 A.M. to - M.

Position: Lat. _____ Long. _____

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, Force,

TEMPERATURES

Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
	Raufer 7486	17.6	-	-	17.6 (63.7)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency

REMARKS: Under way

11-2008-8316

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Chart 5100 C. & G. S.
 Rd. tangent Santa Catalina Is.
 bears S 37° W dist. 7.8 miles
 approx.

Station No. 116716

Date:

191 /

Hour: 5:00 A. M. to - M.

Position: Lat. _____ Long. _____

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, Force,

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	Ranfac 7486	18.0	—	0	18.0 (64.4)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency

REMARKS: *thin wavy*

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Chart 5100 C. & G. S.
 Rd. tangent Santa Catalina Is.
 bears S 57° W distant 7.6 miles
true

Station No. H6717

Date: 10/11/13

191

Hour: 5:30 A.M. to - M.

Position: Lat. _____ Long. _____

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency*

REMARKS: Under way

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Chart 5100 C. & G. S.
 Right tangent Santa Catalina
 Dist. bears S $73\frac{1}{2}^{\circ}$ W dist. 7.9 miles
 open

Station No. H 6718

Date: July 2

1916

Hour: 6:30 A. M. to

M.

Position: Lat. _____ Long. _____

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, Force,

Sea: _____ **Sky:** _____

TEMPERATURES

Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	Ranfac 7486	18.2		0	18.2 (64.8)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *Mnoln very*

11-5914

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Chart 5100 C & S

Jone Point, Santa Catalina Is.,
 Lat. $32^{\circ} 5' 8'' \pm 30' W$, distant
 1.2 miles.

Station No. H677

Date: July 23 1911

Hour: 5:23 A.M. to 5:42 A.M.

Position: Lat. _____ Long. _____

Locality: Pecile, Bahia, Islas. (

Depth: 18 fms Bottom: 33 m. Sample:

Wind: Direction, Force,

Sea: S Sky: 8

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0 ft	Rufac 7411.	18.9	-	0	18.9 (66.0)		
29		18.9	{ 18.9	-	18.9		
30 M		18.9	-	-	18.9		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

C.C. Ogden

NETS, ETC., USED

Ave

Description	Depth	TIME		Speed
		Down	Up	
Surf Trawl	6'	5' 23	5' 56	
Surf Trawl	10' 7"	10' 23	10' 44	
Serial Closing Gyration	20 m.	10' 30	10' 50	

11-5314

NOTES

1st 2,000' S. C. 10' 30" 10' 50"
 2nd " " " " " " " " 11' 07 8 sec.

May 16. 87%
 16.2.

Chart 5100 C. 9 G.S.

Left tangue Santa Catalina Is.
 bears S 50° E, distant $\frac{3}{8}$ mile

Left Point of Avalon Bay bears
 S 11° W distant $\frac{1}{4}$ mile

Right Point of Avalon Bay bears
 N 53° W distant $\frac{1}{4}$ mile

(1 nautical)

Station No. 1169

Date: 1911

191

Hour: 5:52 A.M. to 6:13 a.m.

Position: Lat. Long.

Locality: C. M. S., California Coast

Depth: Bottom: Sample:

Wind: Direction, Force, 0

Sea: Sky: 0

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Sur.	Ranfer 7486	18.9	-	0	18.9 (66.0)		
10.7 ft		#1		Mailed to Close			
		#2					
35.0 ft	NZ 165871	17.2	-0.7	11.63 (12.0)			
	Rtr 37177	11.7	17.0	-0.03	17.67 (18.0)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

(C. M. S.)

NETS, ETC., USED

Ann

11-8214

NOTES

1st " " " 6:07 am
2nd " " " 6:07 am

Chart 5100 C. & G.S.
(Anchorage)

Station No. 46719

Date: January 23

191

Hour: 6:21 a. M. to 6:43 . M.

Position: Lat. _____ Long. _____

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, Force, 0

Sea:  Sky: 

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Sect.	Ranfac 7486	18.9	-	0	18.9 (66.0)		
102.0	"	1.0	-0.05	+0.05	1.0		
"	#2	1.0	-0.05	+0.05	1.0		
102.0	N216:871	14.0°	17.13°	-0.15°	13.58° (56.9)		
	RTR 37572	12-13.8°	17.13°	-0.02°	13.83 (56.1)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

NETS, ETC., USED

2000

Description	Depth	TIME		Speed
		Down	Up	
and 000 Serial closing	0	6:19	6:33	
Serial closing	100	6:21	6:43	
Information 2	200	6:27	6:47	

11-5314

NOTES

1st. Trawl down at 6:51 am
 2nd. Serial closing at 6:56 am
 Psy. Wt. D 18.2 86%
 16.7

Station No. H 1719

Date: July 23

191 /

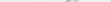
Hour: 6:54 a. M. to 7:15 a. M.

Position: Lat. _____ Long. _____

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, Force, 0

Sea:  Sky: 

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
2 m.	Ranfer 7486	18.9	-	0	18.9 (66.0)		
10 fms.	NZ 165661	17-16.9	16.5	-0.05	16.55° (62.5)		
	NZ 165669	#2 —	—	—			
10 fms.	NZ 165671	1-12.9	12.9	-0.15	12.75° (54.95)		
Rtr -		-12.7	16.7	-0.02	12.7° (54.9)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS

33 — Page 3

NETS, ETC., USED

Run:

Description	Depth	TIME		Speed
		Down	Up	
Surface	0	-	7:07	
Bottom	10 m	6:55	7:13	
Surface	0	-	7:11	

11-5314

NOTES

6:55

7:07

7:11

11

Station No.

Date:

1916

Hour: 720 A.M. to 826 M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
in. Rangefac 7486					(65.8)		
1021. N2165868	17.1	17.5	0	17.1			
N2165869	17.2						
1022. N2165871	17	No. temps					
Rtr 37572	17.2	Open S-Haul					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

(A. E. G. C. S. - 1916)
(P. W.)

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Surface Nets #12	0	10.11	11.11	
avg 000				
all closed				
Closing	10.12	11.20		
Opening		8.30	9.21	
Bottom	20.21	7.50		
Bottom		6.50	7.6	

11-5314

NOTES

Psy. Wt 6.9 D 18.9 82%
17.0

Station No. H-6719 Date: July 23 1916

Hour: 8 32 M. to 9 36 M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Sur	Ranfac 7486	18.9	-	0	18.9 (66.0)		
10-11	NZ 165868	17.5	17.5	-0.5	17.5 (63.5)		
11-12	NZ 165869	-	-	-	Did not work		
12-13	NZ 165871	13.5	17.5	-4.0	13.5 (36.0)		
13-14	RTr 3737	13.25	17.5	-4.25	13.25 (35.5)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

C.W. Blakely
P.

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Surf net #12-000	-	8.32		
" " #2 25-72		8.32		
" " "		9.32	9.33	
" " "		8.32		
" " "		9.32	9.3.	

11-5314

NOTES

1st messenger item - 8 32 AM

Station No. 57-6719 Date: July 23 1916

Hour: _____ M. to _____ M.

Position: Lat. _____ Long. _____

Locality:

Wind: Direction, Force

Sea: *...the ocean, the sea,* **Sky:** *...the air, the sky,*

TEMPERATURES

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
	—	10.5	10.45	
"	40 ft	10.5	10.45	
"	" 712 25 m	9.45	10.45	
		10.45	10.	

11-5314

NOTES

101 m - 9.45 °

30 " " - 10.45 ° C.W.

Station No. W-6719 Date: July 23 1916

Date: July 23 1916

Hour: . M. to . M.

Position: Lat. _____ Long. _____

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, Force.

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0' 0"	Ranfac 7486	18.8	—	0	18.8 (65.8)		
5'-1'	NZ 165868	17.3	17.1	-0.6	17.0	(63.0)	
2.5'-7.5'	NZ 165869 71	Mid		not work			
2.5'-7.5'	NZ 165871 71	17.7	17.5	-0.17	17.03	(53.7)	
	RTY 37572 42	17.0	17.0	0.0	17.0	(53.7)	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Surf net 11/2-000	-	10.57	11.45	
Serial Clo. Gpp #1	10.7m	10.57	11.45	1.66
" " "	25.7m	20.7	11.45	1.67

11-5314

NOTES

1st messenger down - 10.57 min2nd " " " - 11.45 minPsy. Wt. ~~16.2~~ D 18.4 81%
16.3

Station No.

Date: 10/10/1911

191

Hour: 11:56 A. M. to 1:04 P. M.

Position: Lat. _____ Long. _____

Locality: Avalon Santa Catalina Is.

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, Force,

Sea: _____ **Sky:** _____

TEMPERATURES

Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
SW	Raufer 7486	19.5	-	0	19.5 (67.1)		
NZ	165868	17.1	18.1	-0.09	17.1 (66.3)		
NZ	165869	17.1	-				
NZ	165871	17.25	19.5	-0.13	17.17 (53.0)		
Rtr	7511	17.15	17.5	-0.33	17.15 (43.0)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
6 net to 12-000		11.56		
Set, etc. 11.56	10-11.56	11.56		
V.V.			1:00	
11.56	11.56	11.56	1:04	
			1:00	

11-5314

NOTES

1st messenger down - 11.56 C.W.
 2nd messenger down - 11^{av} pm

Station No. 5-671 Date: 10/14/1912

Hour: 5:45 A.M. to 6:15 A.M.

Position: Lat. _____ Long. _____

Locality: Avalon, Catalina Id.

Wind: Direction, Force,

Sea: **Sky:**

TEMPERATURES						
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample
surf	Ranfac 7486	18.6	—	0	18.6 (65.4)	
11 m	NZ 165869	17.1	17.5	—	17.1 (11.1)	
	NZ 165869	—	—	—	—	
11 m	NZ 165471	17.5	17.0	-0.15	17.4 (11.4)	
	PTR 37572	11.3	17.3	-0.06	11.24 (52.2)	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS.

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Surf net #12 000				
Sur. Closing apt #1	10			
" " "	25			

NOTES

1st 11-5314 msonic down 5⁴⁵ dm
 2nd " " " 6¹⁵ am

av.

11.30

Station No. 5219

Date: July 20

1916

Hour: 6:30 A.M. to 7:00 A.M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0 m	Ranfac 7486	18.8	-	0	18.8 (53.5)		
16 m	N2 165868	#1, 16.7	17.0	-0.3	16.65 (52.0)		
	N2 165869	#2, -	-				
25 m	N2 165871	#1, 17.2	17.0	-0.16	17.04 (53.7)		
	RTR 37572	#2, 17.5	17.0	-0.07	17.43 (54.1)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Safety net #12 "000	0			
Sec. closing net #1 " " " " #2	10 25			

NOTES

1st man over down 6:30 AM
2nd 7:15 AM

avr.
12.2 H

Station No.

Date: Sept. 20 1916

Hour: 9:30 . M. to — . M.

Locality:

Wind: Direction, Force,

Sea: *Waves* **Sky:** *Clouds*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	Ranfor 446	18.6	-	0	18.6 (65.5)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *Blank*

11-5310

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Pew 11 16.4 0.15.0 82%
16.5

Chart 5100 C. & G.S.
Sift tangent Santa Catalina
Isl. bears S $72^{\circ} 30'$ W
distant 0.7 mi.

True

Station No. H6721

Date: July 24 1916

Hour: 9:00 A. M. to - . M.

Position: Lat. _____ Long. _____

Locality:

Wind: Direction, Force,

Sea: **Sky:**

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
1' 6"	Ranfac 7486	18.8	—	0	18.8 16.1		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency's

REMARKS: Under way

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Chart 5100 C. & G.S.
 Right tangent Santa Catalina
 Sel. bears N 31°30' E dist.
 1.7 miles

11-5314

Station No. H 6722 Date: July 24 1916

Hour: 9:30 A. M. to . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
100	Ranf. 7456	19.2	19.2 (66.55) 66.58		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *Normal water*

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psy. 11-761 D 16.7 78%
16.2

Chart 5100 C. & G. S.

Right tangent Santa Catalina
Isl. bears N 72° 30' E dist 3.8
miles

1 mile

Station No. H 6723

Date: Sept. 21

191

Hour: 10:00 A. M. to - . M.

Position: Lat. _____ Long. _____

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force.

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
4	Ranfac 1486	19.0	—	0	19.0 (66.2)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency

REMARKS:

lender way

11-6314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

chart 5100 C. & G. S.
 Right tangent Santa Catalina
 Island bears N 79° E distant
 7.6 miles True

Station No. 111

Date: _____

191

Hour: 10:30 A. M. to . M.

Position: Lat. _____ Long. _____

Locality:

Wind: Direction, Force

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
	Ranfer 1186	15.6	-	0	15.6 (65.8)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparencies

REMARKS: *Abolu Wang*

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

PSV W~~16.7~~ D 18.4 85%
16.8

Chart 5100 C. & G.S.
 Left tangent Santa Catalina
 Isl. bears N 12° 30' W dist.
 12.6 miles True

Station No. H 6725 Date: July 24 1916

Hour: 11:00 A. M. to — . M.

Position: Lat. _____ Long. _____

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

TEMPERATURES

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency

REMARKS: Blister may

11-8314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Chart 5100 C. & G.S.
 Left tangent Santa Catalina
 Sel. bears N $3^{\circ}30'$ E distance
 12.6 miles. True

Station No. H6726

Date: July 24

1916

Hour: 11:30 A.M. to — M.

Position: Lat. _____ Long. _____

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: _____ **Sky:** _____

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Dwyf	Raufer 7486	17.9	—	0	17.9 (64.2)		

CURRENTS

Color of water:

Transparency:

REMARKS: Under way

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psy. W ~~to~~ D 17.6
16.5 90%

N.Y. Standard

Chart 5100 C. & G.S.
 Left tangent Santa Catalina
 sel. bears N $17^{\circ} 30' E$
 dist. 13.5 miles ^{True}

Station No. H 6727

Date: July 24 1916

Hour: 12:00 M. to M.

Position: Lat. _____ Long. _____

Locality:

Wind: Direction, Force,

Sea: _____ **Sky:** _____

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	Ranfac 7486	18.5	—	0	18.5 (65.3)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: Under way

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Chart 5100 C. & G.S.
 Left tangent Santa Catalina
 Sel. bears N 29° E dist.
 15.0 miles. true